New Millennium, Computing, and Software TRLs

by
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12:00 noon – 1:00 p.m.
Building 126, Room 112

The New Millennium Program's goal is to develop and validate technologies critical for future NASA space missions.

Both the technological and programmatic aspects of the program are based on technology TRL assessment.

Over the past 18 months there have been several critical revisions to NMP's definitions of "technology", "validation" and the standard NASA TRLs.

This discussion will present these changes and the reasoning behind them.

The emphasis of the discussion will be on NMP's definitions of Spacecraft System Information Technology TRLs (SSIT TRLs), which govern the selection, evaluation and validation of NMP IT development tasks and projects. These definitions drive the management as well as technical approaches to IT development for NMP projects. They were presented, recently, at the IEEE Aerospace conference and, due to this exposure, there seems to be a desire to apply them more broadly across NASA and DOD.

(The NMP SSIT TRLs were defined, by A. Aljabri, R. Mackey, and R. Some, of JPL.)

For questions, please contact Dan Katz at 4-7359.